

The Knowledge Bank at The Ohio State University

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Departments and Societies

AMERICAN CERAMIC SOCIETY

Members of the Student Branch of the American Ceramic Society had an occasion to attend a second convention this quarter, the latest being the Ohio Ceramic Industries Association held at Ohio State University on October 27 and 28.

After registration a general session was held in room 125, Lord Hall at 10:00 a. m. President C. F. Tefft presided. Dean MacQuigg gave the welcome address to the convention. Mr. Charles H. Plattenburg gave a discussion of the current topic in Ohio, the Bigelow Amendments. Dr. D. A. Olpin, Director of Research Foundation, Ohio State University, spoke on "Trends in Cooperative Researches at the Universities". Dr. W. H. Earhart, Research Fellow, Engineering Experiment Station, Ohio State University, presented "The Relation between the Thermal Expansion and the Properties of Ceramic Products".

In the afternoon, the convention broke up into four divisions each of which held a separate meeting for those whose interests and work lay in this field. Several papers on research, development, operating economics, use of products, tests on ware, and etc., were presented by Research Fellows in the Ohio State University Engineering Experiment Station, research professors, ceramic engineers, and superintendents in the ceramic industries. These divisions were the Whitware, Refractories, Structural Clay Products, and Paving Brick Divisions.

An education committee meeting was held late Friday afternoon with chairman A. S. Watts, Ceramic Department, O. S. U., officiating.

At 9:30 a.m. on Saturday, October 28 a general assembly was held to hear such topics as "Selection of Men for Safety and Efficiency" by Professor H. E. Burt, "Operating the Plant Safely", and "Plant Lighting and Efficiency", by W. E. Canley, Illuminating Engineer, General Electric Company, Cleveland, Ohio.

Members had their relaxation in a game of golf on Thursday afternoon at the university golf course and attended the Ohio State—Cornell football game on Saturday.

A. I. Ch. E.

In the afternoon of October 26, Mr. T. A. Boyd, a Chemical Engineering graduate of Ohio State and present engineer for General Motors Research Corporation of Detroit, gave a talk on automobile fuels to the Student Chapter of A.I.Ch.E.

On November 3, Mr. H. E. Howe, editor of Industrial and Engineering Chemistry magazine spoke on "Chemical Engineering in the United States—1914 and Now". At the brief business meeting following, it was decided to refer the question of participation in the Rankine Memorial subscription to the Engineering Council.

A. I. E. E.

At their third regular meeting on November 2, the Student Branch of the American Institute of Electrical Engineers of the University, assembled in the Communications Lab. for an interesting and educational program presented by two student members.

Before the talks commenced, a regular business meeting was called to order and several activities of the organization were planned and discussed.

Chairman L. Kempton appointed nine committees constituting nearly the entire membership of the organization to insure each individual a part in its activities. A new Investment Committee was chosen to handle a fund of about \$1400 that the organization acquired from the bank savings of earlier members some twenty years ago. This fund was discovered by the officers this year, and it is believed to have been originally raised by the electrical shows that the department sponsored during that time. Only a part of this is to be used by the present administration to insure some of its benefits for future student members in coming years.

A trip to Cincinnati University was also planned by Chairman Kempton for a conference with their Student Branch of the A. I. E. E. Over two-thirds of the organization agreed to attend and most of the details were arranged for the trip.

A plan submitted at the District Conference at Case this year for a newspaper with the news submitted by each local organization was presented and approved in the meeting. A committee was appointed to edit and mail this news to Case where the paper is to be printed. Each member will receive a copy of the issues.

After the details of the business meeting were settled, two students, Jack Shulman and Robert Stone told the assembly about their experiences in summer work this past season. Mr. Shulman worked for Crosley in Cincinnati, O., as part of his practical summer training in Electrical Engineering. Not only did he explain his work, but he also gave an interesting description of Cincinnati, the location and importance of the Crosley plant in the City and Mr. Crosley himself.

Part of his time was spent as an assistant in building a new 1000 kw. transmitter for the Crosley short wave station and the many problems that confronted him in this task were also shown. The members seemed most interested in Crosley's radio production line and most of the questions were asked along this line after the formal talk was presented.

Mr. Stone described his Army experiences at Camp Custer, Michigan, where the Signal Corp cadet officers are sent for their summer camp training. Typical Army life was illustrated throughout the talk, and many amusing incidents at the camp were cited by the speaker.

A. S. C. E.

At 2:00 o'clock, Friday, November 10, ambitions of our student chapter for a North Central Conference were realized when representatives from eight different colleges assembled for registration in Brown Hall. An address of welcome was extended to all delegates by Professor Morris, head of the Civil Engineering department, at a meeting in the "Chapel". This was supplemented by Professor Wiley, head of the department at Purdue, who discussed the plans and aims of the conference.

Following a delightful dinner at Pomerene Hall on Friday evening, the O.S.U. chapter, visiting delegates, and the Central Ohio Section of the American Society of Civil Engineers, were treated to some novel music by Professor Wall and his "Skilletiers". Composed of a bass, two trumpets, a clarinet, and Mr. Wall at the skillets, the band made a big hit with the assembly. Bashful as he seems, Mr. Wall was once a "symbol basher" for a jazz band back in the good old days. The title, "Skilletiers", comes from camp where he beat on pots and pans of all shapes and sizes accompanied by a couple of other boys on the now famous Skilletiers band. Claude White, president of our A.S.C.E. chapter, made the remark that if anyone wanted to get in a "jam session" they should catch the band before they got away after the program.

Other highlights of the evening included the introduction of members of the senior chapter to the assembled group, a short talk, and a fine address by Mr. Jessup, traveling secretary of the American Society of Civil Engineers.

On Saturday, the 11th, the program provided for an inspection tour of the engineering quadrangle, a luncheon at the Village Restaurant, and an organization meeting.

At the organization meeting a constitution was presented to the convention and was reworded to comply with the arguments of the represented chapters. Each was represented by two delegates with the power to vote.

Immediately following the organization meeting, an executive meeting was held during which a number of points were decided.

Next year's conference will be held at the University of Cincinnati. Officers for the next conference include—president, Bob Knuckles from the University of Cincinnati, vice-president, Claude White, Ohio State University, and secretary and treasurer, Hugh Smith, from the University of Dayton.

A. S. M. E.

The weekly meetings of the groups of A.S.M.E. and S.A.E. have been featured by lectures by outstanding professors on the campus. On October 26, Professor Wilson R. Dumble of the English Department discussed modern proletarian literature. The following week the "Organization and Operation of Corporations" was the subject of a talk by Professor Rowntree.

KERAMOS

KERAMOS held its first meeting of the year with a dinner at the Dutch Tavern on Thursday, Oct. 26, 6:30 p.m. Every member as well as several graduate members were present including Prof. A. S. Watts and Prof. R. M. King of the Ceramic Department.

In a lively and spirited meeting, the members outlined the program for the year using suggestions offered by Professors Watts and King as a basis. It was decided to push the sales on the abstracts on glazes and white wares which last year's group finished, in order to finance this year's activities.

About one-third of the group are to work with Professor King in abstracting current literature on enamels and sending copies of these abstracts every other month to a large number of enamelling plants. This service is to be free to these companies.

The rest of the group plans to make a study of firing, both in periodic and tunnel kilns, by compiling data received from the plants cooperating in this survey. Professors Watts and Carruthers will aid the members in this project.

With so much enthusiasm shown at this meeting, it is believed that this program will be successfully undertaken.

SIGMA GAMMA EPSILON

Sigma Gamma Epsilon held a wiener roast at Grigg's Dam on October 20 as its first social event of the year. They picked the right night as the moon was full and everyone was remembering the Minnesota football game. Sixteen couples attended and aside from a short exhibition of swing by a group of boys and girls, furnished their own entertainment.

The early part of the evening was spent in eating wieners, doughnuts, cider, etc. For the rest of the evening everyone danced. Mr. E. V. O'Rourke, our advisor, and Mrs. O'Rourke were present as chaperons.

Wednesday, October 25 the chapter sponsored a lecture by Mr. C. L. Seelbach, accompanied by motion pictures. The subject of Mr. Seelbach's address was "Oil from the Earth". Mr. Seelbach is the district sales manager for the Shell Oil Co. and is an Ohio State University graduate in engineering. After the lecture those present engaged in a short discussion on the lecture.

Sigma Gamma Epsilon inaugurated its social year with a wiener roast held Saturday, October 28. Plans were completed at the meeting Tuesday, November 7 for a dance to be held December 9 at the Rook House, open to members only. Jim Russel gave a talk at this meeting on his experiences in the gold mining district of Siscoe, Quebec. After the business meeting, refreshments were served.

The officers for the year are as follows: President, Roscoe Hershey; Vice President, Fred Binkley; Treasurer, Lester Samstag.

S. S. I. E.

“WELL, fellows! Let's Go!” With this saying of Chief Younger's president Jim Brown welcomed the old members back and the new members in to inaugurate the new year of I. E. activity at a smoker held at the Delta Tau Delta fraternity house October 11.

At this smoker a short business meeting was held during which plans were started for the coming events and the event of all events the annual picnic which is held in the spring quarter. At this picnic all the members anticipate having the best get-together of the year with faculty, alumni, and classmates. The society was proud to welcome a new member of the faculty into its midst, Professor J. R. Stitt, head of the new Welding Engineering Department. Other introductions were faculty members and officers of the society. A great ovation was given the Chief when he arose and gave his welcome to the freshmen and sophomores who are new to the department.

Ed Quinn provided the entertainment of the evening by showing movies taken last year at the annual spring picnic and other highlights of campus activities such as Bucket and Dipper initiation and some of our beautiful co-eds. (All both of them).

A general bull session followed during which refreshments were served and everyone left in a jovial mood except Harold E. Poole, faculty advisor, who had a hard time finding his motorized kiddy-car which was finally found floating down the street on the oil slick left by Doc Lechczky's Ford. Chief left his midget in its original zipper bag in which it came and had very little trouble locating it.

From Chief Younger's message to the graduates in the I. E. Alumni News we quote. "We have had many transfers and many more enrolling and our prospects for the department look big and good for the coming year. But first of all I want your congratulations for our good friend "Doc". Yes, Lehoczky has been working splendidly these past years and has been

particularly good in helping to establish and maintain the high morale of our department. He has justified himself in many ways and his patience has been rewarded for he has been promoted to Associate Professor and it is only a question of time till he comes to be a full Professor. The Department also deserves congratulations on our placement of June graduates, which was practically 100%. We now have some 350 graduates out since we started and we are happy to state that except for less than a half dozen, all are working in some kind of Industrial Engineering work and doing a good job."

The prospect of employment is increasing daily and with the help of the senior application booklet edited by Howard Dickason, with the help of Jim Welch, Bob Baesel, Gary Rechten, and Clete Oster, there is every reason to believe that the I. E.'s can expect to be placed in the field for which they are preparing themselves.

The first dinner meeting of the year was held November 15 at Pomerine Refectory. Dean Emeritus Hitchcock of the College of Engineering spoke on "Modern Locomotive Development". Don Clark was made chairman of a committee for the promotion of a dance to be held December 8. The place has not been set yet. Howard Cassidy and Henry Miell have offered to be the date bureau. All fans who are looking for queens to take to the dance see them and they will line you up with one of their smooth acquaintances.

Officers of the S. S. I. E.: Harold E. Poole, Faculty Advisor; Jim Brown, President; Cletus Oster, Vice-president; Bill Nungesser, Treasurer; Bob Denham, Secretary; Bob Heitman, Athletics; Dick Snyder, Bob Detwiler, Representatives to Engineering Council; Chuck Thompson, Representative to The Ohio State Engineer.

S. A. E.

Robert L. Anderson was elected president of the Society of Automotive Engineers at a meeting held recently. Other officers elected were: vice-president, Jack W. Clark; secretary, Thomas M. Donahue; and treasurer, William E. Parker.

The society has decided that this year it will share meetings each Friday with the American Society of Mechanical Engineers.

At a dinner meeting at the Dutch Tavern on Nov. 9, Charles Mooney showed three of his model racers. They are about a foot and a half long, being propelled by small model airplane motors. The motors will develop from 1/6 to 1/4 horse power. The racers were built to scale so that they looked just like the real thing even to the steering wheel and padding about the cock pit.

After the dinner the group went to the gym where racers were demonstrated. They were fixed to a cord about one-half the width of the gym. In this way they followed a circular path and hence it was easy to calculate the speed of the models. The greatest speed obtained was about 40 miles per hour. Mooney's models have done about 47 miles per hour while the record is about 60 miles per hour.

Plans were made for a similar meeting in the near future.

CHRISTMAS SEALS



**Help to Protect Your
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A. I. M. E.

The A.I.M.E. held their second meeting of the year Wednesday, November 8. After the regular business meeting, moving pictures on the Aston Process for wrought iron were shown through the courtesy of the A. M. Byers Co.

At the first meeting, held one week previous, the following officers were elected: President, Dudley Buchwalter, '40; Vice President, Kenneth Folk, '41; Secretary, William Judy, '40; Treasurer, Richard Huntsinger, '40.

TAU BETA PI

As guest speaker at the first dinner meeting of the Autumn Quarter, October 4, the Ohio Gamma Chapter of Tau Beta Pi was fortunate in having Dr. Bronson Price of the Psychology Department. He was able to give a colorful and vivid picture of the disaster of the ill-fated Athenia, since he was one of the fortunate survivors. Three alumni, Messrs. Halstead, Evans, and Davis, who are new members of the Electrical Engineering Department faculty this year, were guests.

The second meeting on October 18 was also held in Pomerene Refectory. It was devoted to a report of the Tau Beta Pi convention at Columbia Missouri October 12 to 14, by President Paul Fodor and Vice President Harry McCarthy.

Ohio Gamma Chapter was able to avail itself of Battelle Institute for the Autumn Quarter smoker on November 8. The guests were given a short introduction to Tau Beta Pi by Professor Morris of the Civil Engineering Department, who is chairman of the advisory board.

The seniors selected for membership were T. G. Bailey, J. M. Blackwood, S. F. Book, D. S. Gilmore, R. E. Hartsock, G. R. Hawthorne, H. B. Husted, J. J. Jones, W. R. Keller, H. J. Miell, O. Musgrave, R. L. Newton, L. D. Offensend, H. Papier, and R. L. Steller. From the eligible junior list the following were selected: P. E. Borchers, W. H. Lersch, J. T. McQuaide, J. T. Newman, J. R. Robinson, and W. M. Shaffer.

The pledge banquet occurred November 15 at Pomerene Refectory. The initiation will take place at 4:00 p.m. Saturday, December 2 and will culminate in an initiation banquet at 6:00 p.m. the same evening.

ENGINEER'S COUNCIL

In a meeting held on Thursday, Nov. 2, J. Ted McQuaide, junior representative from the Department of Ceramic Engineering, was elected secretary-treasurer.

The main topic of discussion centered about the Annual Engineer's Dance. The possibility of using a high priced "name band" was eliminated in order to make this a real engineer's dance. It was believed an excellent orchestra would be provided at a cost of approximately \$1.50 a couple rather than \$3.50 per couple which would result if a high priced band were employed. This dance is planned in the early winter quarter to be held at the Men's Gymnasium. Special features of this dance will be announced in two or three weeks. It is hoped all engineers will support this dance and make it the one big social affair for the engineering students.

OHIO STATE RADIO CLUB

After weeks of labor and waiting, just as the members of the Radio Club were about to get W8LT on the air, it was necessary to send the Club receiver to the factory for adjustment. So operation has been held up a while longer, but as soon as this equipment comes back, W8LT will be back on the air bigger and better than ever.

The first dinner meeting of the Autumn Quarter was held at Pomerene Refectory on October 30. Professor Everitt of the Department of Electrical Engineering gave a highly entertaining talk on his trip to the Great West during the summer.

An interesting series of programs for the regular weekly meetings has been planned by the program committee, including technical and non-technical talks and demonstrations by both faculty members and students.

The Club now boasts ten licensed amateur operators in its membership, and the non-licensed members are all in the process of preparing for the code and theory examinations which must be passed to obtain a license.

At the next dinner meeting of the Club on December 4, the scheduled speaker is Mr. Roger Pieracci, graduate assistant in the Department of Electrical Engineering, who will tell of his experiences touring Europe by bicycle last summer.

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QUADRANGLE JESTERS

Officers of Quadrangle Jesters, elected for the year, are Dean Calland, president; Jack Zimmerman, vice-president; Don Trump, business manager; Howard Dickison, music chairman; and Toby Isaacson, costume and make up chairman.

A meeting is being planned for the winter quarter at which a play and cast will be selected to enable the Jesters to get off to an early and successful practice period in the spring quarter. The play is to be presented in conjunction with the "Engineer's Week" festivities.

TEXNIKOI

Jack Zimmerman was elected as the new vice-president of Texnikoi to replace John H. Brown who is now attending the Massachusetts Institute of Technology.

The members discussed the possibilities of bringing a custom into O. S. U. which is quite familiar to other engineering colleges. This would be the celebration of St. Patrick, considered the father of engineers, by a dance or some other form of recognition to this old engineering tradition.

Definition

Drizzle: A drip going steady.
